

RO Code	TR Id	Romanian PI	Romanian PI's Institution	Project Title	70p RO	66,66p TR	Average Score	TUBITAK commitment
PN-IV-P8-8.3-PM-RO-TR-2024-0065	782872	Iulian Pana	National Institute of Research and Development for Optoelectronics (INOE)	Controlling the Degradation Rate of Mg Alloys Used for Temporary Implants by Thin Film Metallic Glasses	94	91,33	92,67	Can be Funded
PN-IV-P8-8.3-PM-RO-TR-2024-0069	784385	Cristina-Adela Iuga	Iuliu Hateganu University of Medicine and Pharmacy, Cluj Napoca	Biomarker-guided drug-repurposing for management of liver metastasis in MASLD-induced colorectal cancer	96,33	82,00	89,17	Can be Funded
PN-IV-P8-8.3-PM-RO-TR-2024-0011	778230	Dr. Oana Cadar	National Institute for Research and Development in Optoelectronics INOE 2000, Research Institute of Analytical Instrumentation Subsidized by ICJAI	Natural zeolites as a platform for controlled release drug delivery systems	95,67	78,67	87,17	Can be Funded
PN-IV-P8-8.3-PM-RO-TR-2024-0062	784150	Ede Bodoki	Iuliu Hateganu University of Medicine & Pharmacy, Faculty of Pharmacy, Analytical Chemistry Department	Novel 2D MXene-based nanocomposites doped with magnetic dual metal oxide@graphene for spectroelectrochemical sensing of pharmaceuticals	93,67	75,33	84,50	Can be Funded
PN-IV-P8-8.3-PM-RO-TR-2024-0017	783310	Lacrimioara Șenila	National Institute for Research and Development for Optoelectronics (INCDO INOE), Research Institute for Analytical Instrumentation ICJAI	In Situ Detection of Olive Oil Adulteration Using Raman Spectroscopy and Machine Learning Algorithms	92,33	74,67	83,50	Can be Funded
PN-IV-P8-8.3-PM-RO-TR-2024-0030	785102	Cornelia-Ionela BADOI	National University of Science and Technology Politehnica Bucharest	Digital Twins of a New Generation Industrial PLC-IoT Network for AI-based Predictive Factory Maintenance	89,33	76,00	82,67	Can be Funded
PN-IV-P8-8.3-PM-RO-TR-2024-0072	776700	Dragos Paul Mihai	Faculty of Pharmacy, "Carol Davila" University of Medicine and Pharmacy, Traian Vuia 6, 020956 Bucharest, Romania.	Discovery of non-classical, subtype-specific allosteric modulators of GABA-A receptors as potential therapeutic solutions for cognitive disorders	90	74,00	82,00	Can be Funded
PN-IV-P8-8.3-PM-RO-TR-2024-0045	785546	Bargan Alexandra	Petru Poni" Institute of Macromolecular Chemistry National Research and Development Institute for Chemistry ICJAI	Silsesquioxanes-based materials obtained by photo-induced thiol-ene reaction, for environmental applications (CO2 capture)	92	70,67	81,33	Can be Funded
PN-IV-P8-8.3-PM-RO-TR-2024-0059	774591	Madalina Georgiana ALBU KAYA	Development Institute for Textiles and Leather (INCDTP) - Leather and Footwear Research Institute ICJAI	Development of film-forming biomaterials for mastitis prophylaxis	94	67,33	80,67	Can be Funded
PN-IV-P8-8.3-PM-RO-TR-2024-0038	783735	Mihaela Balanescu	National University of Science and Technology POLITEHNICA Bucharest	Sustainable Phosphorus Recovery from Waste through Integrated Environmental and Energy Management in the Clean Production Chain	83,67	74,67	79,17	Can be Funded
PN-IV-P8-8.3-PM-RO-TR-2024-0068	784971	Stefan G. Stanciu	National University for Science and Technology POLITEHNICA BUCHAREST	Pushing the boundaries of correlative nanoscopy by generative artificial intelligence	91,67	64,00	77,84	Can be Funded
PN-IV-P8-8.3-PM-RO-TR-2024-0047	784814	Maria Loredana Soran	National Institute for Research and Development of Isotopic and Molecular Technologies (INCDTIM), Cluj-Napoca, Romania	New Hydrogel-Based Solution for Clean Water used in Plant Growth	82	70,00	76,00	Can be Funded

35	PN-IV-P8-8.3- PM-RO-TR- 2024-0014	783983	Sanda BOCA- FARCAU	Babes-Bolyai University Bucharest	Implantable 3D-Printed GelMA Scaffold Biomaterials Loaded with Tunable Shape Gold Nanoparticles for In Vivo Local Breast Cancer Radiotherapy	93	72,00	82,50	can not be funded
21	PN-IV-P8-8.3- PM-RO-TR- 2024-0036	786040	Anton Duca	Politehnica University of Bucharest	AI aided Robust Design and Optimization of EM Devices	84	68,33	76,17	can not be funded
38	PN-IV-P8-8.3- PM-RO-TR- 2024-0008	777592	Alina Scribon	Physiology Department, University of Medicine, Pharmacy, Science and Technology "George Emil Palade" (UMFST) of Targu Mures, Romania	A comparative investigation on the microRNA targeting effects of phytotherapy and new class antidiabetic drugs in either insulin deficient or insulin resistance mammalian samples by using in vitro and in vivo experimental models	95,33	62,00	78,67	can not be funded
24	PN-IV-P8-8.3- PM-RO-TR- 2024-0081	777202	Lenuta Profire	Grigore T Popa Medicine and Pharmacy University, Faculty of Pharmacy	Development of smart hydrogels with biomedical application in wound care	90	62,67	76,33	can not be funded
25	PN-IV-P8-8.3- PM-RO-TR- 2024-0090	786022	Catalin Ioan Vlad	Institute of Oncology "Prof.Dr. Ion Chiriacuta"	Investigation into a Novel Promising Anticancer Compound for Ovarian Cancer	97	55,33	76,17	can not be funded
18	PN-IV-P8-8.3- PM-RO-TR- 2024-0056	782970	Ioan Stefan Voicu	National University of Science and Technology Politehnica Bucharest	Enhancing Osseointegration and Combating Infection via Multifunctionalized Titanium Dioxide Surfaces	92,33	56,67	74,50	can not be funded
27	PN-IV-P8-8.3- PM-RO-TR- 2024-0031	783652	Radu Fierascu	National Institute for Research & Development in Chemistry and Petrochemistry - ICECHIM Bucharest	Development of sustainable technologies for the production of nanoconsolidant formulations for marble surfaces conservation of cultural importance	94,33	54,67	74,50	can not be funded
2	PN-IV-P8-8.3- PM-RO-TR- 2024-0003	776515	Camelia Bala	University of Bucharest	Advanced biomaterials for point-of-care biosensors in early detection of tumor-associated carbohydrate antigens	97,67	50,67	74,17	can not be funded
36	PN-IV-P8-8.3- PM-RO-TR- 2024-0022	777777	Irina Ungureanu (Negut)	National Institute of Laser, Plasma and Radiation Physics (INFLPR)	Enhancing corrosion resistance of stainless steel implants with innovative nanocomposite coatings	90	58,00	74,00	can not be funded
1	PN-IV-P8-8.3- PM-RO-TR- 2024-0037	783285	Petre BADICA	National Institute of Materials Physics	Rapid thermal processing approaches of MgB2 superconducting wires	90,67	52,67	71,67	can not be funded
31	PN-IV-P8-8.3- PM-RO-TR- 2024-0078	773604	Florica MANEA	Politehnica University of Timisoara	MXene-Based Innovative Materials for Advanced Removal and Electrochemical Sensing of Emerging and Priority Organic Pollutants from Water	91,67	49,33	70,50	can not be funded
32	PN-IV-P8-8.3- PM-RO-TR- 2024-0042	785669	Emoke Dalma	National Institute for Research and Development in Optoelectronics INOE 2000, Subsidiary: Research Institute for Analytical Instrumentation ICA	Development of a new interactive biotic-abiotic treatment technology to remediate affected agricultural soils	88,67	50,67	69,67	can not be funded

PN-IV-P8-8.3- PM-RO-TR- 2024-0075	778369	Duta Liviu Marian	National Institute for Lasers, Plasma and Radiation Physics (NILPRP),	Development of novel co-doped calcium phosphate-based implant coatings from renewable resources	92	44,67	68,33	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0009	773120	Monica Roxana Nemtanu	National Institute for Laser, Plasma and Radiation Physics (INFLPR), Romania	Innovative Biocomposites for Health Applications: Exploring the Synergistic Effect of the Bioactive Compounds and Cold Plasma	92,67	39,33	66,00	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0087	786102	Andreia Cucuruz	Universitatea POLITEHNICA din București	Multifunctional Magnetic Mesoporous Bioglasses with Applications in Tissue Engineering	78	48,00	63,00	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0053	777441	ALEXA ERSILIA CALINA	University of Life Sciences "King Mihai I" from Timisoara Faculty of Food Engineering	Medicinal plant's extracts from Banat (RO) and Aydin (TR) regions: natural pharmaceutical products with applications in bakery industry	88,67	35,33	62,00	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0032	786080	Dorina SIMEDRU	National Institute for Research and Development in Optoelectronics INOE 2000	Development of Lightweight Cement Bricks Using PolyButylene Terephthalate and Recycled Polyethylene Terephthalate Waste	89,33	32,67	61,00	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0015	783259	Anca Becze	National Institute for Research and Development in Optoelectronics INOE 2000, Romania	Sustainable Food Chain Management through AI-driven Waste Reduction and Efficiency Optimization minimizing environmental impact	76,33	45,00	60,67	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0043	785254	Nitulescu Georgiana	Carol Davila University of Medicine and Pharmacy, 37, Dionisie Lupu Street, 020021 Bucharest, Romania	Exploring the antimicrobial and anticancer potential of plant extracts: an integrated in silico and in vitro investigation	89,67	30,67	60,17	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0018	783682	CHIS TIMUR- VASILE	UNIVERSITATEA PETROL-GAZE PLOIESTI, PLOIESTI, Romania ,	The effect of carbon dioxide emissions on the environment and carbon dioxide storage in dolomites and saline aquifers.	65,67	52,67	59,17	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0084	783020	Radu Razvan	Technical University of Cluj- Napoca, Romania	Development of an AI-empowered personalized virtual assistant smartwatch for Alzheimer and dementia patients	59,67	58,00	58,84	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0020	785331	Andrei CRISAN	Pollitehnica University Timisoara	Requirements for lightweight digital twins with BIM used for enhanced manufacturing efficiency	78,67	38,67	58,67	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0023	785728	Anca Florina ZGURA	Carol Davila University of Medicine and Pharmacy, Bucharest	Cross-National Insights: Unveiling the Link Between ctDNA and Tumor Biopsy Molecular Signatures in Colorectal Cancer - A Romania-Turkey Initiative	87,33	30,00	58,67	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0025	773450	CLAUDIA VALENTINA CIMPOIU	Babes Bolyai University	Revealing the Biomedical Application Potential of Nanomaterials Obtained by Green Synthesis from Endemic Plants in Romania and Turkey	79,33	37,33	58,33	can not be funded

PN-IV-P8-8.3- PM-RO-TR- 2024-0004	778481	Gabriel Oprisan	Gheorghe Asachi Technical University of Iași	Alternative Solutions For Cleaner Production In Civil Engineering Applied To Traditional Materials, Composite Materials And Structures	81	32,00	56,50	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0006	777754	Alexandru Popa	Bukreş Üniversitesi	New models and algorithms for autonomous transportation using platoons	75	37,33	56,17	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0041	783371	Daniel Constantin Diaconu	University of Bucharest	Identification and Analysis of Areas for Wetland Reconstruction along Rivers	59,67	50,00	54,84	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0028	784735	Diana Maria Cenariu	"Iuliu Hateganu" University of Medicine and Pharmacy	Mathematical modelling for assessing the correction factor for BCR-ABL 1 IS values larger than 10%	68,67	20,67	44,67	can not be funded
PN-IV-P8-8.3- PM-RO-TR- 2024-0034	785209	Bogdan Ovidiu VARGA	Technical University of Cluj- Napoca Romania	NDrive, Network for Developing Research and Innovation for Autonomous Vehicle	79,33	rejected		